

concrete objects, pictorial representations, and mentally including: one-digit and two-digit numbers to 20, including zero, a two-digit number and number and tens, two two-digit numbers, adding

Add and subtract

numbers with up to three

digits, using formal written

methods of columnar

addition and subtraction

Write simple

fractions for

example, 1/2 is 3

recognise the

equivalence of

2/4 and 1/2

Solve problems

recognise the

of each digit in

number (tens,

ones), three-digit

number (hundreds, tens,

ones), four-digit number

(thousands, hundreds,

multiplication and divi-

sion, using materials,

mental methods, and

in contexts

arrays, repeated addition.

facts, including problems

Recognise, find and

write unit and non

unit fractions of a discrete set of

objects, recognise

and show, using

diagrams.

with small

Recognise and

interpret the

appropriately

(EL2), count in

any number,

forward and

multiples of twos,

fives and tens from

backward; multiply

whole numbers in

symbols x

denominators

multiplication and division degree of accuracy

a two-digit

Recognise and use the inverse relationship

between addition and subtraction and use

this to check calculations and solve missing

number problems, estimate the answer to

a calculation and use inverse operations to

check answers

Recognise and show,

using diagrams,

families of common

equivalent fractions

Recognise and

interpret the

2026

important for survival? Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from

one more and one less

What was life like in medieval times?

Find 10 or 100

more or less

than a given

number

Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least

decimals up to one decimal place (EL2)

2024 Romans change

Recognise, find and write unit and non unit fractions of a discrete set of

diagrams, equivalent fractions with small denominators Add and subtract numbers using concrete Use place value and

Recognise and to solve interpret the

objects, pictorial representations, and mentally, including: one-digit and two-digit numbers to 20, including zero, a two-digit number and ones, a two-digit number and tens, two two-digit numbers, adding three one-digit numbers.

(hundreds, tens, ones), four-digit number

(thousands, hundreds, tens, and ones)

Find 10 or 100

more or less

number

Round decimals with

one decimal place to

the nearest whole

number

How did the

our world?

Find 10 or

100 more

or less than

a given

number

Recognise and

write decimal

equivalents of

What was life like during the turn of BC to AD?

Add and subtract numbers which total up to 10, 20, 100 or 200 and subtract numbers from numbers up to 10, 20, 100 or 200 (EL1); represent and use number bonds and related subtraction facts within 10 and 20, and derive and use related facts up to 100 or 200.

Round any number to the nearest 10, Recognise the place value of each digit in a twodigit number (tens, ones), three-digit number degree of accuracy

to the nearest 10,

100 or 1000 with a

How have significant people 2022 changed our

Use place value and number facts to Write simple fractions for example, ½ is 3 solve problems out of 6 and recognise the equivalence of

Recognise and show, using

diagrams, families of common equivalent fractions Recognise and

connections between arrays,

number patterns, and counting in twos, fives and tens.

And the street is the street is mate even numbers to

sequence odd and and beyond 100

How was life different when Queen Victoria ruled?

than (fewer), most, least

Given a number,

identify one more

and one less

and climate? the range 0x0-12x12 Through grouping and sharing (times tables) (EL2) small quantities, pupils begin to Identify and represent understand: multiplication and numbers using objects and division; doubling numbers and pictorial representations quantities; and finding simple including the number line, fractions of objects, numbers and use the language of: and quantities. They make equal to, more than, less

with the same denominator within one whole (for example, 5/7 + 1/7 = 6/7), compare and order unit the same denominators.

Add and Subtract fractions

Recognise, find and write fractions of a discrete set of objects, recognise and show, using diagrams, equivalent fractions with small denominators

objects, pictorial representations, and mentally, including: one-digit and two-digit numbers to 20, including zero, a two-digit number and ones, a two-digit number and tens, two two-digit numbers, adding three one-digit numbers.

Maths Number Systems

(EL1),100 or 200

(EL2) in numerals

Use <. >

How are skills

from the iron/

stone age still

used today?

Recognise and interpret the symbols x

appropriately (EL2), count in multiples

of twos, fives and tens from any num-

ber, forward and backward; multiply

whole numbers in the range 0x0-12x12

(times tables) (EL2)

Are the Pyramids of Giza

an important part of

world history?

Through grouping and sharing small quantities, pupils

begin to understand: multiplication and division;

doubling numbers and quantities; and finding simple

and counting in twos, fives and tens.

half as one of two equal parts a same denominator within one whole

parts, and tenths as one of ten

equal parts of an object, shape

Did the Vikings

change our

world?

Recognize, find and write

unit and non unit fractions

diagrams, equivalent

fractions with small

Why was the year 1666

important to London?

subtraction one and /or

Understand and use simple mathematical

terms including more than (addition), less

than (subtraction), they had x amount each

altogether (equals

fractions of objects, numbers and quantities. They sequence odd and

Add and Subtract fractions with the

(for example, 5/7 + 1/7 = 6/7),

of a discrete set of objects, Recognise and interpret the

2023

symbols x appropriately (EL2),

count in multiples of twos, fives

and backward: multiply whole

Solve problems involving

(times tables) (EL2)

100^{identify one more}

and tens from any number, forward

make connections between arrays, number patterns, even numbers to

Add and subtract numbers which total up to 10, 20, 100

or 200 and subtract numbers from numbers up to 10, 20,

100 or 200 (EL1); represent and use number bonds and related subtraction facts within 10 and 20, and derive and

use related facts up to 100 or 200

Recognise and interpret the

symbols x appropriately

EL2, count in multiples of

twos, fives and tens from

any number, forward and

backward; multiply whole

numbers in the range 0x0-

sequence odd and even numbers to and beyond 100

How high can I travel

on Earth?

Through grouping and sharing small quantities, pupils

begin to understand: multiplication and division;

doubling numbers and quantities; and finding simple

fractions of objects, numbers and quantities. They

make connections between arrays, number patterns,

and counting in twos, fives and tens.

Identify and represent numbers

using objects and pictorial

representations including the

number line, and use the language

of: equal to, more than, less than

(fewer), most, least

number,

identify one

more and

one less

How does it feel to be

part of a carnival?

Recognise, find and name a half as one of two equal parts a quarter as one of four equal parts, and tenths as one of ten equal parts of an object shape or quantity (EL2)

fractions with the same denominator within one whole (for example, 5/7 + 1/7 = 6/7), compare fractions, and fractions with the

Add and Subtract

How do different countries and religions celebrate?

Recognise, find and write unit and non unit from 0 up to and beyond 100 fractions of a discrete set of objects, recognise and show, using diagrams, equivalent fractions with small denominators

Add and subtract numbers which total up to 10, 20, 100 or 200 and subtract numbers from numbers up to 10, 20, 100 or 200 (EL1); represent and use number bonds and related subtraction facts within 10 and 20. and derive and use related facts up to 100 or 200.

> Can you travel the whole way around the world?

> > Recognise

the symbols

+ - and =

Recognise, find and name a

quarter as one of four equal

Compare

and order

numbers

from 0 up to

and beyond

100

use decimals up

to one decimal

place (EL2)

Add and subtract numbers using concrete objects. pictorial representations, and mentally, including: and interpret one-digit and two-digit numbers to 20, including zero, a two-digit number and ones, a two-digit number and tens, two two-digit numbers, adding

three one-digit numbers

Understand and use simple mathematical terms including more than (addition), less than (subtraction), they had x amount each (multiplication), shared (division) and altogether (equals)

Could you survive in a

rainforest?

How has history

changed the way we

celebrate?

Show that addition of two

numbers can be done in any

order (commutative) and

subtraction of one number

Recognise, find and name

a half as one of two equal

parts a quarter as one of

tenths as one of ten equal

Where in the world are

you?

parts of an object, shape

four equal parts, and

or quantity (EL2)

Solve problems involving

multiplication and division, using

materials, arrays, repeated

addition, mental methods, and

multiplication and division facts

including problems in contexts

Count, read and write numbers to 20 (EL1),100 or 200 (EL2) in numerals

> How does it feel to be part of a carnival?

Solve addition and subtraction one and/or multi-step and = problems in contexts, deciding which operations and methods to use and why

Recognise and use the inverse relationship Round decimals with between addition and subtraction and use this to one decimal place to check calculations and solve missing number the nearest whole problems, estimate the answer to a calculation and use inverse operations to check answers

number

Would you like to live in

Recognise and

write decimal

equivalents of

any number of

tenths

How has history changed

the way we celebrate?

Add and subtract numbers using concrete

Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction

> Add and subtract numbers which total up to numbers up to 10, 20, 100 or 200 (FL1):

10, 20, 100 or 200 and subtract numbers from represent and use number bonds and related subtraction facts within 10 and 20, and derive and use related facts up to 100 or 200.

Recognise and interpret

multi-step problems in contexts, deciding which operations and methods to use and why

multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including

Count, read and write numbers

to 20 (EL1).100 or 200 (EL2) in

What makes a

person significant?

numbers from 0 up to and beyond 100

Use <, > and = signs

involving multiplication and division, using materials arrays, repeated addition, mental methods, and multiplication and division problems in

contexts.

the symbols

Recognise and interpret

KS 1/2

Understand and use simple

mathematical terms including more

than (addition), less than

(subtraction), they had x amount

each (multiplication), shared

(division) and altogether (equals)

2025

Solve addition and subtraction one and/or

multi-step problems in contexts, deciding

which operations and methods to use and why

sequence odd

and even

numbers to

and beyond

and beyond 100

appropriately (EL2), count in multiples of twos, fives and tens from any ımber, forward and backward; multiply whole numbers in the range 0x 12x12 (times tables) (EL2)

Through grouping and sharing small quantities, pupils begin to understand: multiplication and division; doubling numbers and quantities; and finding simple fractions of objects, numbers and

between arrays, number patterns, and counting in twos,

Through grouping and Recognise and sharing small quantities, pupils begin sequence odd to understand: multiplication and numbers to and beyond 100 numbers and quantities; and finding simple fractions of objects, numbers and quantities. They make connections hetween arrays, and counting in twos, fives and

> Find 10 or 100 than a given

Identify and represent numbers using objects and pictorial representations

including the number line, and use the language of: equal to, more than, less than (fewer), most, least



2026

Read and record time in common date formats.

Add and subtract amounts of

money to give change, using both

£ and p in practical contexts

an hour and the number of hours in a day, know the number of seconds in a minute and the month, year and

Solve practical for units of time

important for survival? Solve simple problems in a involving addition and subtraction of money of the same unit, including giving change

problems involving measure money using decimal notation, including scaling Solve practical problems for, lengths and heights, mass/weight capacity and volume measure and begin to record the following: lengths and heights, mass/weight, capacity and volume. Use metric measures of

length including mm, cm, m and km. Use measures of weight including g

and kg. Use measures of capacity including ml, I (EL2)

Use all four operations to solve

Tell the time to the hour (EL1) and half past the hour, quarter past/to the hour and draw the hands on a clock face to show these times (EL2), Tell the time to the nearest 5 minutes, estimate and read time with increasing accuracy to the nearest minute.

The state of the s Tell and write the time from an analogue clock and 12-hour hour clocks (EL2)

Find different

of coins that equal the same amounts of Calculate money with

like to live pence up to one pound and in whole pounds of multiple items and write with the correct symbols (£ or p) (EL2) Recognise coins and notes and their

values, write them in numbers with the correct symbols (£ & p) Choose and use appropriate standard units to measure length/height in any direction

Use appropriate positional vocabulary to

describe position and direction including

between, inside, outside, middle, below

on top, forwards and backwards (EL2)

including whole, half, quarter and three quarter turns 2022

Solve practical

problems for units of time



practical context involving addition and subtraction of unit, including

money of the same giving change

Add and subtract amounts of money to give change, using both £ and p in practical contexts

Use all four operations to solve problems involving measure money using including scaling

half, half full, quarter] (EL1)

Compare, describe

example, quicker,

ower, earlier, later]

to record time

(hours, minutes,

c/imate?

seconds)

different units of metric



heavy/light, heavier than, lighter than] and capacity [for example, full/empty, more than, less than, half, half full, quarter] (EL1)

Shape, Space, Measure

analogue clock and 12-hour (EL1)

and 24-hour clocks (EL2)

Recognise coins

and notes and

their values.

write them in

numbers with

the correct

symbols (£ & p)

How are skills

from the iron/

stone age still

used today?

Find different combinations

coins that equal the same

amounts of money

half past the hour, quarter past/to the hour and draw the hands on a clock face to show these times (FL2) Tell the time to the nearest 5 minutes, estimate and read time with increasing accuracy to the and parallel lines. nearest minute

> countries and religions celebrate?

seconds, minutes and hours: use vocabulary such as o'clock, a.m./p.m. morning, afternoon, noon and midnight

Convert between different units of metric measure (for example, km and m: cm and m:

> Can you travel the whole way around the world?

> > in a practical context

of the same unit.

Use measures of capacity including ml and I (EL2)

Distinguish between regular and irregular polygons based on reasoning about equal sides and geometric shapes based on their

Could you survive in a

rainforest?

Choose and use appropriate standard

units to measure length/height in any

direction (m/cm); mass (kg/g);

temperature (°C) (EL2); capacity

(litres/ml) to the nearest appropriate

unit, using rulers, scales,

thermometers and measuring vessels

How has history

changed the way we

Measure, compare and order

and record the results using >, <

and = ; add and subtract:

lengths (m/cm/mm); mass (kg/

g); volume/capacity (I/mI)

celebrate?

Illustrate and name parts

of circles, including

circumference and know

that the diameter is

Know the number of number of hours in a day, of days in each month, year

Know the number of days in a week, months, and

sequence events in chronological order using language

[for example, before and after, next, first, today,

yesterday, tomorrow, morning, afternoon and evening]

Read and record time in common date formats.

Recognise coins and notes

them in numbers with the

correct symbols (£ & p)

Read and use

simple scales to

the nearest

labelled division

(EL2)

Would you like to live in

Calculate money with pence

up to one pound and in

whole pounds of multiple

items and write with the

correct symbols (£ or p) (EL2)

problems for units

to solve problems involving measure notation, including

Solve simple problems in a practical context

involving addition and subtraction of money of the same unit, including giving chang

Did the Vikings change our

Add and subtract amounts of money to give change, using both £ and p in seasons in a year. Be able to name and sequence (EL1)

btract amounts of money to nge, using both £ and p in practical contexts

Convert between different units of metric measure (for example, which is and metre; centimetre and metre; centimetre and millilitre)

Tell the time to the hour (EL1) and half past the hour, quarter past/to the hour and draw the hands on a clock face to show these times (EL2). Tell the time to the nearest 5 minutes, estimate and read time with increasing accuracy to

Why was the year 1666 important to London?

the nearest minute.

Tell and write the time from an analogue clock and 12-hour (EL1) and

24-hour clocks (EL2)

and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon

Record and compare time in

of perpendicular and parallel lines

Recognise coins and notes and their correct symbols (£ & p)

What makes a How has history changed person significant? the way we celebrate?

common date formats.

2021

Solve practical problems for units of time

amounts of money

Calculate money with pend up to one pound and in whole pounds of multiple

Identify lines of symmetry in 2-D shapes presented in different orientations, complete a simple symmetric figure with respect to a specific line of symmetry

Identify horizontal and vertical lines and pairs of perpendicular

How high can I travel on Earth?

Describe positions on a 2-D grid as coordinates in the first quadrant, describe movements between positions as translations of a given unit to the left/right and up/down, plot specified points and draw sides to complete a given polygon

Describe positions on a 2-D grid as coordinates in the first measures of items including size, length, width, height, guadrant, describe movements between positions as [for example, long/short, longer/shorter, tall/short, translations of a given unit to the left/right and up/down, double/half] weight [for example, heavy/light, heavier plot specified points and draw sides than, lighter than] and capacity [for example, full/empty, cl and ml; g and to complete a given polygon. more than, less than, half, half full, quarter] (EL1)

> How does it feel to be part of a carnival?

Solve practical problems for, lengths and heights, mass/ Solve simple problems weight, capacity and volume measure and begin to record involving addition and the following: lengths and heights, mass/weight, capacity and volume. Use metric measures of length including mm, subtraction of money cm, m and km. Use measures of weight including g and kg.

properties and sizes.

know the number of seconds in a minute and the number and leap year

of time

How does it feel to be

part of a carnival?

both £ and p in practical contexts

Add and subtract

amounts of

money to give

including giving change

Use all four operations

Identify lines of symmetry in 2-D shapes presented in different orientations,

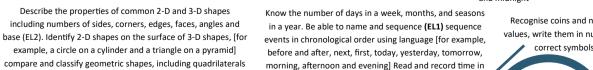
2023

symmetric figure with respect to a specific

and draw sides to complete

a given polygon. Identify horizontal and vertical lines and pairs





combinations of

coins that equal

amounts of

Where in the world are you?

and triangles, based on their properties and sizes.

Identify and recognise Compare and sort common 2-D and common 2-D and 3-D shapes including circle,

3-D shapes and everyday objects, draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them. recognise, describe and build simple 3-D shapes, including making nets.

hour and the number of hours in a day, know the number of seconds in



Tell the time to the hour (EL1) and

How do different

Record and compare time in terms of

Use all four operations to solve problems involving

Know the number of days in a week months, and seasons in a year. Be able to name and sequence (EL1) sequence measure money using decimal

events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] Read and record time in common date formats.

Are the Pyramids of Giza an important part of

world history? Know the number of minutes in an

a minute and the number of days in

each month, year and leap year

Calculate money with pence

up to one pound and in

whole pounds of multiple

items and write with the

correct symbols (£ or p) (EL2)

2025

Read and use simple

labelled division (EL2)

Calculate the area of

use the properties of

rectangles to deduce

related facts and find

missing lengths

and angles

Illustrate and name parts of hour and the number of hours in a problems

KS 1/2

Maths

mass, volume/capacity and record the

results using >, < and = ; add and sub-

tract: lengths (m/cm/mm); mass (kg/g);

volume/capacity (I/mI)

Choose and use appropri-

ate standard units to meas

ure length/height in any

direction (m/cm); mass (kg/

g); temperature (°C)(EL2);

capacity (litres/ml) to the

nearest appropriate unit,

using rulers, scales,

thermometers and

measuring vessels

Distinguish

between regular and

polygons based

about equal sides

classify geometric

shapes based on their

properties and sizes.

on reasoning

Compare and

circles, including radius, diameter and circumference for units of and know that the diameter

Describe and make comparisons in words between measures of items including size, length, width, height, [for example, long/short, longer/shorter, tall/short, double/half] weight [for example, heavy/light, heavier than, lighter than] and capacity [for example, full/empty,

more than, less than, half, half full, quarter] (EL1) Solve practical problems for lengths and heights, mass/weight, capacity and volume measure and begin to record the following: lengths and heights, mass/weight, capacity and volume. Use length including mm, cm and km. Use measures of

> and kg. Use measures of ml and I (EL2) positions on a 2-D grid as coordinates in the first quadrant,

describe movements between positions as translations of a given unit to the left/right and up/ down, plot specified points















items and write with the correct symbols (£ or p) (EL2)



between measures of items including size, length, width, height, [for example, long/ short, longer/shorter, tall/short, double/ half] weight [for example, heavy/light, heavier than, lighter than] and capacity [for example, full/empty, more than, less than,

measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)

What was life like in medieval times? Convert between different units of metric measure (for example, km, m; cm and m; cl and ml; g and kg)

How did the

Romans change

Identify lines of

symmetry in 2-D

different orientations,

complete a simple

symmetric figure with

respect to a specific

(\$)

our world? Identify Record and compare horizontal and time in terms of vertical lines seconds, minutes and and pairs of hours; use vocabularv perpendicular such as o'clock, a.m./ and parallel

2024

p.m., morning, afterline of symmetry. midnight Calculate the area of rectangles and squares, use the properties of Read and use simple scales to the nearest labelled

and find missing lengths and angles division (EL2) What was life like during

the turn of BC to AD?

Measure, compare and order lengths, mass, volume/capacity and record the results using >, < and = ; add and subtract: lengths (m/cm/

mm); mass (kg/g); volume/capacity (l/ml)

(m/cm); mass (kg/g); temperature (°C)(EL2); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Describe positions on a 2-D grid as coordinates in the first quadrant, describe movements between positions as translations of a given unit to the left/

right and up/down, plot specified points and

How have significant people changed our

lraw sides to complete a given polygon

Use everyday positional vocabulary to describe position and direction lengths, mass, volume/capacity including left, right, in front, be-

hind, under and above (EL1)

Solve practical problems for, lengths and heights, mass/weight, capacity and volume measure and begin to record the following: lengths and heights, mass/weight, capacity and volume. Use metric measures of length

including millimetres, centimetres, metres and

kilometres, Use measures of weight including

grams and kilograms, Use measures of capacity

including millilitres and litres (EL2) How was life different when Queen Victoria

ruled?

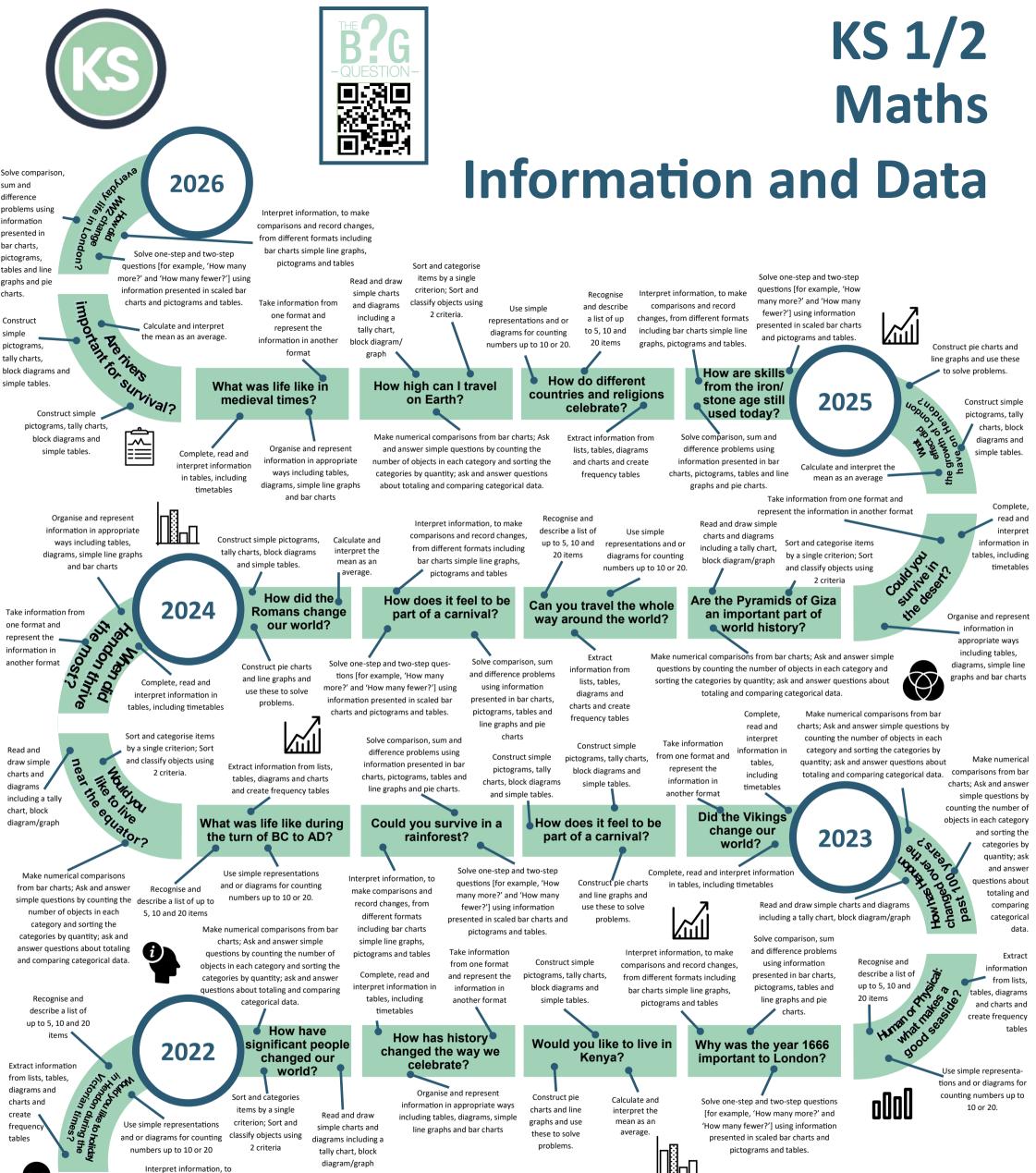
Describe and make comparisons in words

cube, rectangle (incl. square) and triangle (EL1) pentagons, hexagons (EL2). cuboids (including cubes), pyramids and spheres (EL2)

a minute and the number of days in

each month, year and leap year

Find different combinations of coins that equal the same



and climate? two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables

> Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and line graphs and pie charts.

make comparisons and record changes, from different formats including bar charts simple line graphs,

Calculate and interpret the mean as an average. pictograms and tables

How was life different

when Queen Victoria

ruled?

Construct pie charts and line

graphs and use these to solve

problems.

and simple tables

Construct simple pictograms, tally charts, block diagrams

Take information from

one format represent the

information in another

format

М

Where in the world are

Organise and represent

information in

appropriate ways

including tables,

diagrams, simple line

graphs and bar charts

you?

by a single criterion; Sort and classify objects using 2 criteria

Sort and categorise items block diagram/graph

diagrams including a tally chart.

Recognise and describe a list of up to 5, 10 and 20 items

How has history changed the way we celebrate?

Make numerical comparisons from bar charts; Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity; ask and answer questions about totaling and comparing categorical data.

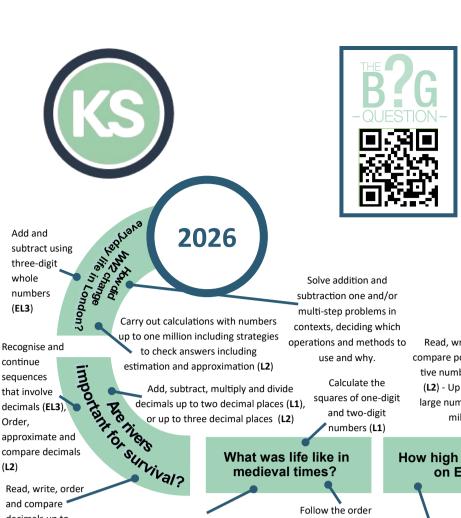
What makes a person significant?

tables, diagrams and charts and

create frequency tables or diagrams for counting num-

bers up to 10 or 20.

2021



Maths Number Systems

Read, write, order and compare positive and negative numbers of any size (L2) - Up to 1000 (EL3), large numbers up to one million (L1)

Identify, represent and Multiply and divide estimate numbers using whole numbers and different representations decimals by 10, 100,

rounding numbers less than 1000 to the nearest 10 or 100 and use this rounded answer to check results (EL3)

How are skills

from the iron/

stone age still

used today?

Recognise and continue

linear sequences of

numbers up to 100 (EL3)

Approximate by

Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. Use multiplication facts and make connections with division facts (L1)

KS 3/4

What was life like in medieval times?

Use simple formulae expressed in words for one or two-step operations (L1) Evaluate expressions and make substitutions in given formulae in words and symbols (L2)

2024

Multiply two-

digit whole

numbers by

single and

double digit

whole

numbers (EL3)

Solve problems involving multiplication and division.

using materials, arrays, repeated addition, mental

methods, and multiplication and division facts,

facts and make connections with division facts (L1)

Add, subtract, multiply and

decimal places (L1), or up to

divide decimals up to two

three decimal places (L2)

Read, write,

order and

compare

three decimal

places (**L1**) or up

to two decimal

places (EL3)

Follow the order of precedence Count numbers up to of operators.

(L1) including

indices (L2)

Read, write and understand halves, Find fractions of

How did the

Romans change

our world?

Read, write, order and

compare common

fractions and mixed

numbers (L1)

Divide three-digit

whole numbers by

single and double

digit whole numbers

and express

remainders (EL3)

What was life like during

the turn of BC to AD?

Divide three-digit whole num-

bers by single and double digit

whole numbers and express

remainders (EL3)

How have

significant people

changed our

thirds, quarters, fifths and tenths

including equivalent forms (EL3)

Recognise and

1000 (EL3)

whole number

quantities or

measurements

Add and subtract

using three-digit

whole numbers

(EL3)

Calculate the

squares of one

-digit and two-

digit numbers

How high can I travel

on Earth?

Carry out calculations with numbers up to one million including strategies to check answers including estimation

and approximation (L2)

Calculate percentages of quantities,

and decreases by 5% and multiples

thereof (L1). Calculate percentage

change (any size increase and decrease),

and original value after percentage

change (L2)

How does it feel to be

part of a carnival?

use positive and

negative numbers

(L1) Understand and calculate using ratios,

Can you travel the whole

way around the world?

How do different

countries and religions

celebrate?

Approximate by

rounding to a whole

number or to one or

two decimal places

1000 (L1)

direct proportion and inverse proportion (L2)

Work with simple

ratio and direct

proportions (L1)

Recognise and calculate

fractions, percentages and

decimals (L1) Identify and know

fractions, decimals and

percentages (L2)

Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples

Solve word problems that involve fractions

express remainders (EL3) Count numbers up to 1000 (EL3)

2025

Divide three-digit whole

numbers by single and double

digit whole numbers and

Order, add, subtract and

compare amounts or

quantities using proper

and improper fractions

and mixed numbers (L2)

2023

Add and subtract

using three-digit

whole numbers (EL3)

Multiply and divide

whole numbers and

decimals by 10, 100,

1000 (L1)

Solve word problems

that involve fractions.

Estimate answers to

calculations using

decimals (L1)

Recognise and use positive and negative numbers (L1)

Read, write, order and

compare positive and

negative numbers of any

large numbers up to one

Solve addition and

subtraction one

and/or multi-step

problems in

deciding

operations

Approximate by

rounding to a

whole number or

to one or two

decimal places

(L1)

which

million (L1).

size (L2) - Up to 1000 (EL3),

Multiply two-digit

whole numbers

whole numbers

by single and

double digit

million (L1) Recognise and use positive and negative

numbers (L1)

numbers up to 1000 (EL3)

whole

(EL3)

continue

Order.

(L2)

compare decimals

Read, write, order

places(L1) or up to

two decimal places

Read, write, order and compare

positive and negative numbers

of any size (L2) - Up to 1000

(EL3), large numbers up to one

and compare

decimals up to

three decimal

(EL3)

Recognise and continue sequences that involve decimals (EL3), Order, approximate and compare decimals

Add, subtract, multiply and divide decimals up to two decimal places (L1), or up to three decimal places

(EL3), Order, approximate and compare decimals (L2) %

Recognise and continue

sequences that involve decimals

Read, write, order and compare decimals up to three decimal places (**L1**) or up to

two decimal places (EL3)

> Solve word problems that involve fractions

Estimate answers to calculations using fractions

improper fractions

and mixed numbers

(L2)

2 difference between climate?

(L1) Order, add, subtract and compare amounts or quantities using proper and

Use simple formulae expressed in words for one or two-step operations (L1) Evaluate expressions and make substitutions in given formulae in words and symbols (L2)

Calculate the

squares of one-

digit and two-digit

numbers (L1)

How was life different

when Queen Victoria

ruled?

subtraction one and/or multi-step problems in contexts, deciding which operations and methods to use and why

Solve addition and

Carry out calculations with numbers up to one million including strategies to check answers including estimation and approximation (L2)

Read, write, order and compare common fractions and mixed numbers (L1)

Are the Pyramids of Giza an important part of world history?

Estimate answers to calculations using fractions

Approximate by rounding

numbers less than 1000 to the the equivalence between nearest 10 or 100 and use this rounded answer to check results

(EL3)

Recognise

and use

positive and

negative

numbers

Carry out calculations with numbers up to one million including strategies to check answers including estimation and approximation (L2)

Did the Vikings change our world?

Identify, represent Recognise and and estimate continue linear numbers using sequences of different numbers up to representations 100 (EL3)

Count

numbers

up to

1000

(EL3)

percentage of another (L2) Construct simple

pictograms, tally charts, block diagrams and simple tables.

Calculate and

interpret the

mean as an

average.

Why was the year 1666

Read, write, order and compare any size (L2) - Up to 1000 (EL3), large numbers up to one million (L1)

Count numbers up to 1000 (EL3)

important to London?

positive and negative numbers of

What makes a person significant?

Recognise and use positive and negative

Use simple representations and or diagrams for counting

Could you survive in a How does it feel to be rainforest? part of a carnival?

Solve addition and subtraction one and/or

multi-step problems in contexts, deciding which

operations and methods to use and why

including simple percentage increases equivalences between common

Use simple formulae expressed in Follow the order words for one or two-step of precedence of operations (L1) Evaluate operators, (L1) expressions and make including problems in contexts. Use multiplication substitutions in given formulae in including indices (L2) words and symbols (L2)

> Multiply two-digit whole numbers by single and double

Solve problems involving multiplication

and division, using materials, arrays,

repeated addition, mental methods, and

multiplication and division facts, includ-

ing problems in contexts. Use

multiplication facts and make

connections with division facts (L1)

Follow the order of

precedence of

operators, (L1)

including indices (L2)

calculate using ratios, direct proportion and

How has history

Add and subtract using

three-digit whole

numbers (EL3)

Where in the world are

you?

changed the way we

celebrate?

Understand and

numbers (EL3)

digit whole

inverse proportion (L2)

Solve problems

involving unequal

proportions (L1)

ratio and direct

Work with simple

Read, write, order and

compare percentages in

whole numbers (L1) Work

out percentages of amounts

and express one amount as a

Would you like to live in

Construct pie charts and line graphs and sharing and grouping use these to

solve problems Find fractions of whole

using knowledge of fractions and multiples

number quantities or measurements (L1)

How has history changed

the way we celebrate?

Read, write and understand halves, thirds, quarters, fifths and tenths including equivalent forms (EL3)





numbers (L1)

numbers up to 10 or 20.



2026

Know chronological order using language

today, yesterday, tomorrow, morning,

afternoon and evening]

What was life like in

Calculate actual dimensions from

scale drawings and create a scale

diagram given actual measurements

using metric units to the nearest

labelled or unlabelled division (EL3)

medieval times?

Use and compare measures of length, Compare metric measures of

Convert between units of length, weight including grams and

eight, capacity, money and time, kilograms and measures of

How did the

Romans change

our world?

Calculate the area and perimeter of

made up of a combination of rectangles

(L1) Calculate perimeters and areas of 2

-D shapes including triangles and circles

and composite shapes including non-

rectangular shapes (formulae given

except for triangles and circles) (L2)

How have

significant people

changed our

Show that addition of

two numbers can be

done in any order

(commutative) and

subtraction of one

number from another

cannot

Construct simple pictograms,

and simple tables

What was life like during

the turn of BC to AD?

Calculate the volumes of cubes and cuboids (L1) Use

other than cylinders) (L2)

Add and subtract

digits, using formal

written methods of

columnar addition and

subtraction

Calculate simple interest in multiples

of 5% on amounts of money,

calculate discounts in multiples of 5%

on amounts of money (L1)

Calculate amounts of money,

compound interest, percentage

increases, decreases and

discounts including tax and

simple budgeting

the same system (L1) capacity including millilitres

Describe positions on the full coordinate

grid (all four quadrants), draw and

plane, and reflect them in the axes.

capacity, weight and temperature length including millimetres, Calculate actual

Calculate amounts of money,

increases, decreases and

discounts including tax and

simple budgeting

2024

Use a suitable instrument to

measure mass and length (L1)

se appropriate positional

vocabulary to describe

position and direction

including eight

compass points and

including full/half/

quarter turns (L1)

Read time from

Know the number of minutes in an ho and the number of hours in a day, know the number of seconds a minute and the number of days in each month,

Solve practical units of time Calculate

[for example, before and after, next, first, money with pence up to one pound and in whole pounds compound interest, percentage of multiple items and write with the correct symbols (£ or p),

TATA TO SURVIVAI? Calculate with money using decimal notation, express money correctly in writing in pounds and pence

Calculate simple interest in multiples of 5% on amounts of money, Calculate discounts in analogue 12 and 24 multiples of 5% on

amounts of money (L1) hour digital clocks in hours and minutes Compare, describe including, half hours units of time [for and quarter hours example, quicker, slower, earlier, later]

Read, measure and reco time in common date using am and pm (EL3)

Recognise coins and notes and write them in

numbers with the correct symbols

Round amounts of noney to the nearest £1 or 10p (**EL3**)

relationship between addition and subtraction and use this to check calculations and solve missing number problems,

estimate the answer to a

calculation and use inverse

Find different combinations of

coins that equal the same

Calculate money with pence up to one pound and in whole pounds of multiple items and write with the correct symbols (£ or p), Calculate with mone

using decimal notation and express money correctly in writing in pounds and pence (EL3)

ort 2-D and
3-D shapes
using properties
including lines of
including l

Draw 2-D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles (L1)

Interpret plans, elevations and nets of simple 3-D shapes (L1) Draw 3-D shapes

to include plans and elevations (L2)

Calculate and graphs and use interpret the mean these to solve as an average. problems.

How was life different

when Queen Victoria

ruled?

Pie charts and line

Use a suitable instrument to measure mass and length (L1)

length including millimetres, centimetres, metres and kilometres, measures of weight including grams and kilograms and measures of capacity including

Would you like to live in

hours and minutes

including, half hours and quarter hours (EL3)

comparisons and record

for units

of time

Construct

simple

pictograms, tally

charts, block

diagrams and

simple tables

changes, from different formats including bar charts

slower, earlier, later]

correct symbo

What makes a

write them in numbers with the

line graphs and pie charts.

Solve comparison, sum and

or diagrams for up to 10 or 20.

Shape, Space, Measure

coins and

notes and

write them in

numbers with

the correct

symbols

of money,

compound

interest,

percentage

increases,

decreases and

discounts

Round amounts of

£1 or 10p (EL3)

Find different

combinations of

coins that equal

the same amounts

of money

Know the number of days in

week, months, and seasons in a

year. Be able to name and se-

quence (EL1) sequence events in

[for example, before and after,

next, first, today, yesterday,

common date formats

Including tax and tomorrow, morning, afternoon and drawings

simple budgeting evening] Read and record time in (L1)

Are the Pyramids of Giza

an important part of

world history?

chronological order using language of simple

Calculate money with pence up to

one pound and in whole pounds of

multiple items and write with the

correct symbols (£ or p), Calculate

and express money correctly in

writing in pounds and pence (EL3)

2023

How are skills

from the iron/

stone age still

used today?

Recognise money to the nearest

interpret the mean as an average; calculate actual including millimetres, centimetres, scale drawings and metres and kilometres, measures of create a scale weight including grams and kilograms diagram given and measures of capacity including actual millilitres and litres (EL3) measurements.

How high can I travel

on Earth?

dimensions from

scale drawings and

create a scale

diagram given

actual

neasurements

units of length,

weight and capacity

using a) a

graph (L2)

speed, density conversion factor

Could you survive in a

rainforest?

next, first, today, yesterday, tomorrow, morning, and the number of days in each

How has history

changed the way we

celebrate?

system (L1)

Where in the world are

you?

maps and

drawings (L1)

numbers with up to three Know the number of days in a week, months, and Know the number of minutes in

seasons in a year. Be able to name and sequence

(EL1) sequence events in chronological order

using language [for example, before and after.

fternoon and evening] Read and record time in

common date formats.

and rates of and b) a conversion

Use and compare measures of length, capacity. weight and temperature using metric units to the nearest labelled or unlabelled division (EL3) Convert between units of length, weight, capacity, money and time, in the same system (L1)

Use a suitable instrument to

measure mass and length (L1)

centimetres, metres and

kilometres, measures of

Read, measure and record time in common date formats, in hours, minutes, seconds, using am and pm (EL3)

Compare, describe units of time [for example, quicker, slower, earlier, later)

How do different

countries and religions celebrate?

Read time from analogue 12 and 24 hour Calculate amounts digital clocks in hours and minutes including, half hours and quarter hours.(EL3)

> Know the number of minutes in an hour and the number of hours in a day, know the number of seconds in a minute and the number of days in each month, year and leap year

Can you travel the whole

part of a carnival?

How does it feel to be way around the world?

Calculate values of angles and/or coordinates with 2-D Calculate simple interest in multiples of 5% and 3-D shape. Use coordinates in 2-D, positive and on amounts of money, Calculate discounts in problems for

translate simple shapes on the coordinate negative, to specify the positions of points, Understand multiples of 5% on amounts of money (L1) and use common 2-D representations of 3-D objects Convert between Know the number of days in a week, months, simple shapes including those that are Calculate using metric and imperial and seasons in a year. Be able to name and

> sequence (EL1) sequence events in chronological order using language [for example, before and after, next, first, today,information in with money using decimal notation yesterday, tomorrow, morning, afternoon and evening Read and record time in

common date formats

How does it feel to be

part of a carnival?

world? formulae to find volumes and surface areas of 3-D shapes make use of Know the number of minutes in an hour and the Solve

> discounts in multiples of 5% on amounts of money (L1)

• 😉 •

read and

interpret

tables.

including

timetables

and pictograms and tables.

Calculate simple interest in multiples

Did the Vikings

change our

including cylinders (formulae to be given for 3-D shapes simple scales on number of hours in a day, know the number of practical of 5% on amounts of money, Calculate Recognise and use the inverse

Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts

charts and diagrams including a tally chart. block diagram/graph

Extract information from lists, tables, diagrams and charts and create frequency tables

Read and draw simple

Recognise and Why was the year 1666 important to London?

KS 3 / 4

Maths

of cubes and cuboids including those that are made

(L1) Use formulae to

find volumes and

surface areas of 3-D

shapes including

cylinders (formulae to

be given for 3-D

shapes other than

cylinders) (L2)

2025

Recognise

maps and

and make use

perimeter of simple shapes

up of a combination of

rectangles (L1) Calculate

perimeters and areas of 2-D

shapes including triangles and

circles and composite shapes

including non-rectangular

shapes (formulae given

except for triangles and

circles) (**L2**) Use appropriate positional

vocabulary to describe

position and direction

including eight

compass points

full/half/quarter

Calculate using

and including

turns(L1)

compound

measures

including

density and

rates of pay (L2)

Convert between

metric and imperial

units of length, weight

and capacity using a) a

conversion factor and b)

a conversion graph (L2)

from bar charts; Ask and

answer simple questions by

counting the number of

objects in each category and

sorting the categories by

quantity; ask and answer

questions about totaling and

comparing categorical data.

Make numerical

category and sorting the

categories by

and answer

totaling and

categorical

questions about

comparisons from bar

charts; ask and answer

simple questions counting the number of objects in each

units of time Make numerical comparisons

describe a list of up to 5. 10 and 20 items

Use simple representations and counting numbers

How has history changed

person significant? the way we celebrate?

> Find different combinations of coins that equal the same amounts of money

Round amounts of money to the nearest £1 or 10p (EL3)

Compare metric measures of Read, measure and record

time in common date formats, in hours, minutes, seconds, using am and pm (EL3) millilitres and litres (EL3)

Solve practical problems Construct pie for units of time charts and line Calculate and Use and compare measures of interpret the graphs and use length, capacity, weight and these to solve temperature using metric units

seconds in a minute and the number of days in problems

each month, year and leap year

an hour and the number of

hours in a day, know the

number of seconds in a minute

month, year and leap year

problems. to the nearest labelled or Read time from analogue 12 unlabelled division (EL3) and 24 hour digital clocks in Convert between units of length, weight, capacity,

tally charts, block diagrams money and time, in the same

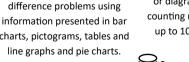
average.

time [for example, quicker,

simple line graphs, pictograms and tables Compare, describe units of

Interpret information, to make

charts, pictograms, tables and Recognise coins and notes and







make comparisons and record changes, from different formats including bar charts and simple line

Group discrete data and represent grouped data graphically

Organise and information in appropriate ways including tables, diagrams, simple line graphs and bar charts, pictograms, and pie charts; Represent discrete data in tables, diagrams and charts bar charts and line

graphs

Interpret information, to make comparisons and record changes from different formats including bar charts and simple line graph

Group discrete data and represent grouped data graphically

The equator? information from lists, tables, diagrams and charts and create frequency tables

grams and charts including pie charts, bar charts and line graphs Solve comparison, sum and difference problems using information presented in simple

Organise and represent information in

appropriate ways including tables.

diagrams, simple line graphs and bar

charts, pictograms, and pie charts;

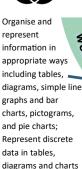
Represent discrete data in tables, dia-

line graphs and bar charts,

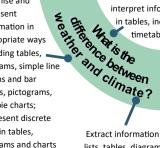
pictograms, and pie charts.

Interpret information, to make comparisons and from different formats including bar charts and simple line graphs





diagrams and charts including pie charts, bar charts and line graphs



Extract information from lists, tables, diagrams and charts and create frequency tables



Information and Data

Understand probability on a scale from 0 (impossible) to 1 (certain) and use probabilities to compare



difference problems using information presented in simple line graphs and bar charts, pictograms, and pie charts.

How do different

countries and religions

celebrate?

Group discrete data

and represent

grouped data

graphically

Organise and represent information in

appropriate ways including tables.

diagrams, simple line graphs and bar

charts, pictograms, and pie charts;

Represent discrete data in tables,

diagrams and charts including pie

charts, bar charts and line graphs

Extract information

from lists, tables,

diagrams and

frequency tables

lists, tables, diagrams and charts and create frequency tables

How are skills from the iron/ stone age still

used today?

Complete, read and interpret information in tables, including timetables

> Interpret information, to make comparisons and record changes, from different formats including bar charts and simple line

Understand probability on a scale from 0 (impossible) to 1 (certain) and use probabilities to compare the

likelihood of events

Group discrete

data and

represent grouped

data graphically

Extract information

2025

Use equally likely outcomes to graphs

find the probabilities of simple frequency events and express them as Strive in fractions, decimals and

Are the Pyramids of Giza an important part of world history?

Solve comparison, sum and difference problems using information presented in simple line graphs and bar charts, pictograms, and pie charts.

Organise and represent information in

appropriate ways including tables, diagrams, simple line graphs and bar charts, pictograms, and pie charts; Represent discrete data in tables, diagrams and charts including pie

from lists, tables, diagrams and charts and create frequency tables

Did the Vikings change our world?

Complete, read and interpret information in tables, including

Interpret information, to

make comparisons and record changes, from different formats including bar charts and simple line graphs

Why was the year 1666

important to London?

Solve comparison, sum and difference problems using information presented in simple line graphs and bar charts, pictograms, and pie charts.

Extract information from lists, tables, diagrams and charts and

create frequency tables

What makes a person significant?

interpret information in tables, including timetables

Interpret information, to Estimate the mean Use the mean, make comparisons and record median, mode of a grouped changes, from different and range to

of data

How does it feel to be

Work out the probability of

combined events including

the use of diagrams and

tables, including two-way

tables

Find the mean and

range of a set of

quantities; calculate

the median and mode

of a set of quantities.

rainforest?

Use the mean,

median, mode

and range to

compare two sets

of data

part of a carnival?

frequency compare two sets distribution from discrete data

Understand probability on a scale from 0 (impossible) to 1 (certain) and use probabilities to compare

the likelihood of events

Use equally likely outcomes to find the probabilities of them as fractions, decimals

simple events and express and percentages.

> Can you travel the whole way around the world?

Complete, read and interpret information in tables, including timetables

Solve comparison, sum and

difference problems using

information presented in

simple line graphs and bar

charts, pictograms, and pie

charts

Extract information from

lists, tables, diagrams and

charts and create

frequency tables

Interpret information, to make comparisons and record changes, from different formats including bar charts and simple line graphs

How does it feel to be

part of a carnival?

Group discrete data

and represent grouped

Complete, read

and interpret

information in

tables, including

timetables

Organise and represent information in appro-

priate ways including tables, diagrams, simple

line graphs and bar charts, pictograms, and pie

charts: Represent discrete data in tables.

diagrams and charts including pie charts, bar

charts and line graphs

charts, bar charts and line graphs

timetables

discrete data and represent grouped data graphically

Group

2023

Work out the probability of combined

events including the use of diagrams and

tables, including two-way tables

mean of a grouped frequency distribution from discrete data

and range to compare two sets of data.

Find the mean and range of a set of quantities: Calculate the median and mode of a set of quantities.

changed the way we celebrate?

the probabilities of simple events and express them as fractions, decimals and percentages

read and interpret

and mode of a set of

you?

Solve comparison, sum and difference problems using information presented in simple line graphs and bar charts, pictograms, and pie

graphically

Group discrete data and represent grouped data

Where in the world are

Interpret information, to make comparisons and record changes,

from different formats including bar charts and simple line graphs

How has history changed the way we celebrate?

Find the mean and range of a set of quantities; Calculate the median

mode and range to

compare two sets of data

quantities

Work out the probability

of combined events

including the use of

diagrams and tables,

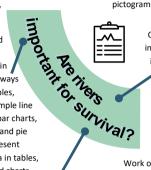
ncluding two-way tables.

Would you like to live in

Kenya?

Complete, read and

Organise and represent information in appropriate ways including tables, diagrams, simple



including pie charts, information from lists, tables, dia-

Auth upon think

like to live

probability of combined events grams and charts and create frequency tables

simple events and express including the use of them as fractions, decimals diagrams and tables, including and percentages. two-way tables

Find the mean and range of a set of quantities: Calculate the median and mode of a

How did the Romans change our world?

of a grouped frequency distribution from

discrete data two sets of data. Complete, read and

Understand probability on to 1 (certain) and use

a scale from 0 (impossible) probabilities to compare the likelihood of events

Use the mean,

median, mode and

range to compare

Could you survive in a

What was life like during the turn of BC to AD? Work out the

probability of combined events including the use of diagrams and distribution from tables, including

How have

significant people

changed our

discrete data two-way tables Use the mean, median, mode

and range to compare two

Understand probability on a (certain) and use sets of data.

Estimate the

mean of a

grouped

frequency

scale from 0 (impossible) to 1 probabilities to compare the likelihood of events

How has history

Use equally likely outcomes to find

information in

a scale from 0 (impossible) including timetables

Estimate the mean of a

grouped frequency

distribution from discrete

data

line graphs and bar charts, pictograms, and pie charts; Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs



Complete, read and interpret information in tables, including

2026

problems using information presented in

simple line graphs and bar charts,

Work out the

2024

Solve comparison, sum and

difference problems using

information presented in

simple line graphs and bar

charts, pictograms, and pie

charts.

interpret information in

tables, including

timetables

Use equally likely

outcomes to find the

probabilities of simple

events and express them

as fractions, decimals and

percentages.

2022

Group discrete data and

represent grouped data

graphically

Complete, read and

interpret information

in tables, including

timetables

Find the mean and range of a

set of quantities; Calculate the

median and mode of a set of

quantities.

stimate the

grouped

frequency

distribution from

discrete data

Understand probability on

to 1 (certain) and use

probabilities to compare

the likelihood of events

How was life different

when Queen Victoria

ruled?

Work out the

probability of

combined events

including the use of

diagrams and tables

including two-way

tables

timetables

What was life like in

medieval times?

Use equally likely outcomes

to find the probabilities of

the likelihood of events

How high can I travel

on Earth?

Find the mean and range of a set of quantities; Calculate the median and mode

of a set of quantities.

formats including bar charts

and simple line graphs

Solve comparison, sum and

Extract information from

line graphs and bar charts, pictograms, and pie charts; Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs

Organise and represent

information in appropriate ways

including tables, diagrams, simple

KS 3 / 4

Maths









Work out the probability of

combined events including the use of diagrams and tables. including two-way tables.

Estimate the mean of a grouped

distribution from discrete data Use the mean,

median, mode and

range to compare two

sets of data Find the mean and range of a set of quantities; Calculate

he median and mode of a set of quantities

Understand probability on a scale from 0 (impossible) to 1 (certain) and use probabilities to compare the likelihood of events

Use equally likely changed over 15. outcomes to find the probabilities of simple events and express them as fraction.
decimals and
percentages. them as fractions.

median, mode







